

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
 Data File : BP008091.D
 Acq On : 23 Nov 2021 12:10
 Operator : CG/JU
 Sample : PB140959TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB140959TB

Quant Time: Nov 23 12:58:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

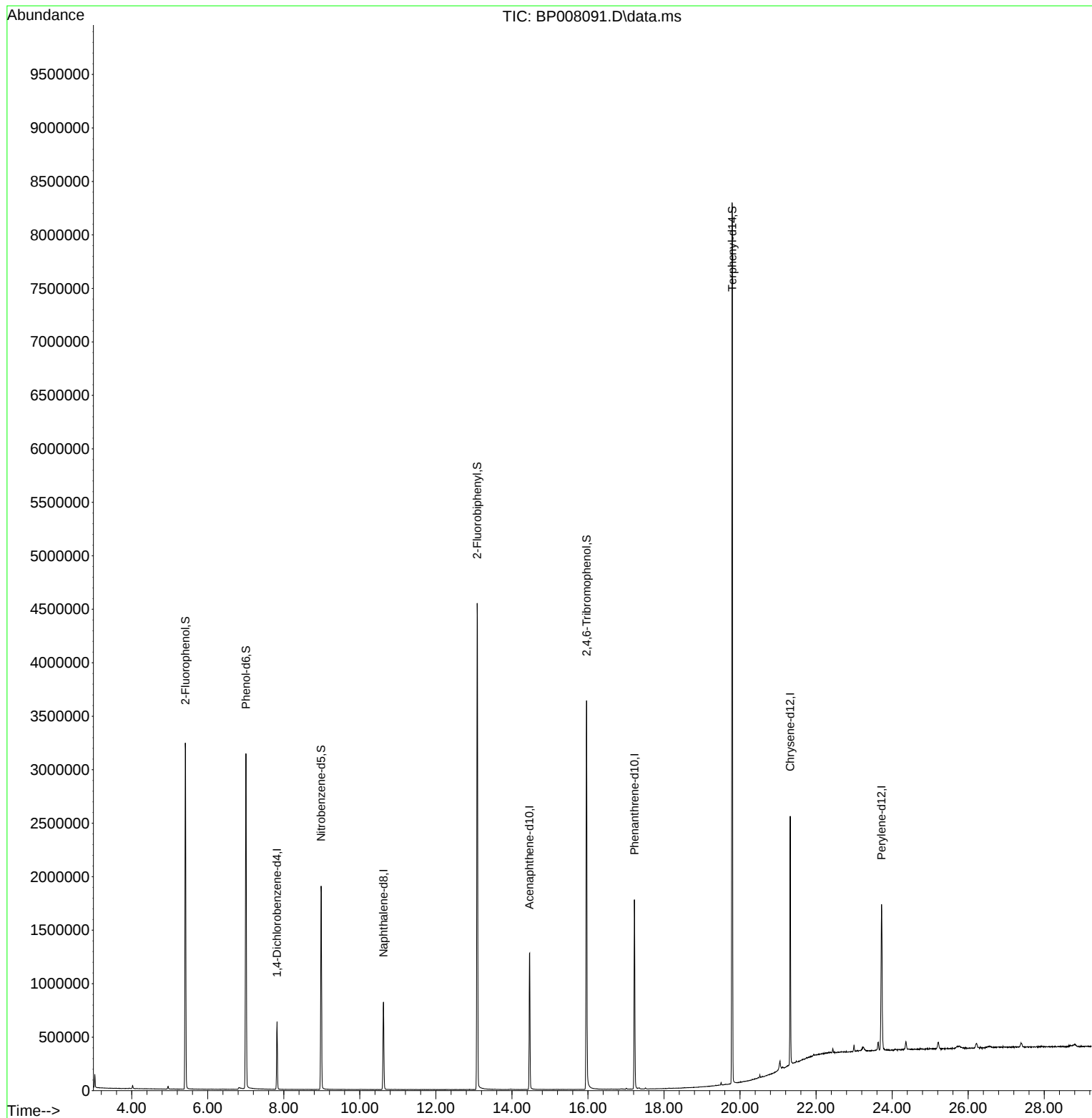
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	159113	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	637533	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	461881	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1074034	20.000	ng	0.00
76) Chrysene-d12	21.321	240	1108065	20.000	ng	0.00
86) Perylene-d12	23.721	264	1095656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1325487	142.389	ng	0.00
7) Phenol-d6	7.004	99	1751134	135.707	ng	0.00
23) Nitrobenzene-d5	8.981	82	1141330	81.214	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	708888	121.277	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	2446191	82.929	ng	0.00
79) Terphenyl-d14	19.798	244	4135126	73.371	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.946	77	220	Below Cal	#	30
58) Fluorene	15.533	166	61	Below Cal	#	46
61) 4-Chlorophenyl-phenyle...	15.522	204	10	Below Cal	#	1
82) 3,3'-Dichlorobenzidine	21.221	252	221	Below Cal	#	38

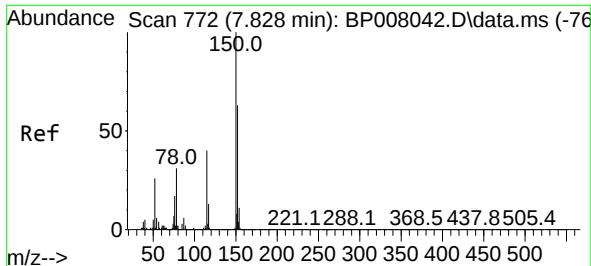
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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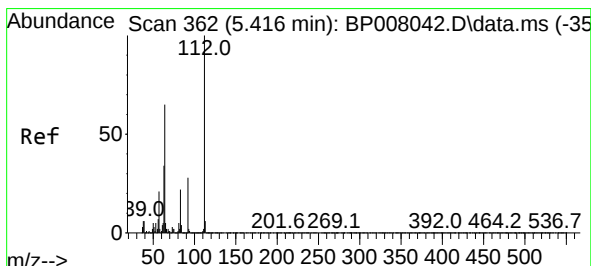
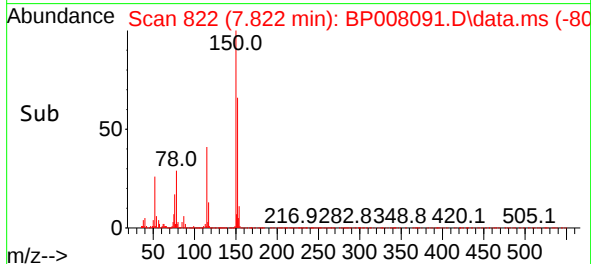
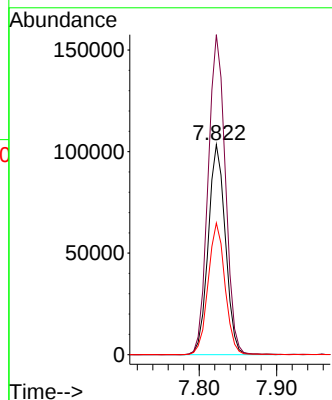
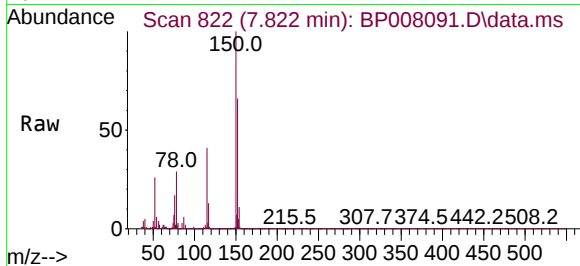




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008091.D
Acq: 23 Nov 2021 12:10

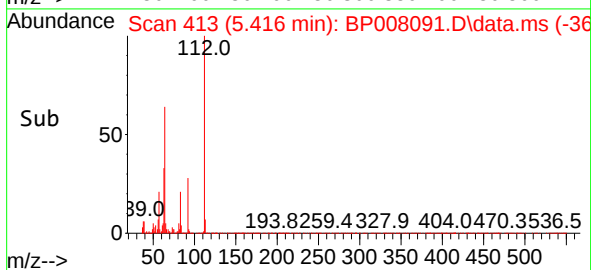
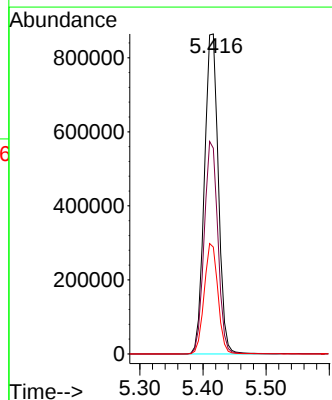
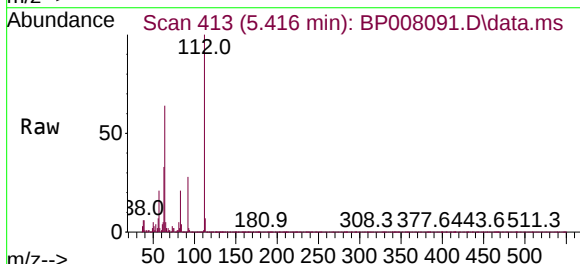
Instrument :
BNA_P
ClientSampleId :
PB140959TB

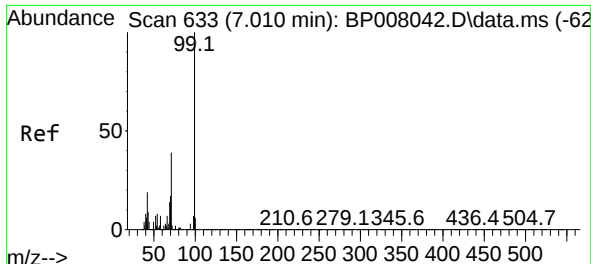
Tgt Ion:152 Resp: 159113
Ion Ratio Lower Upper
152 100
150 152.3 126.5 189.7
115 62.7 50.6 75.8



#5
2-Fluorophenol
Concen: 142.389 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: BP008091.D
Acq: 23 Nov 2021 12:10

Tgt Ion:112 Resp: 1325487
Ion Ratio Lower Upper
112 100
64 64.3 51.7 77.5
63 33.4 27.4 41.0



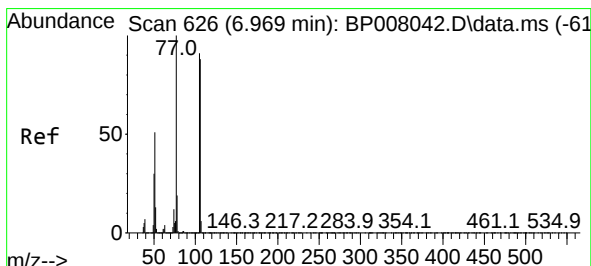
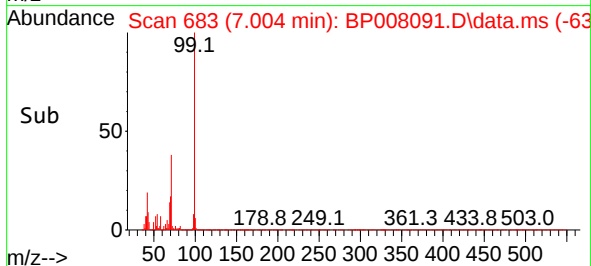
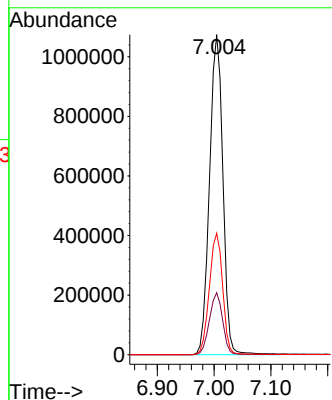
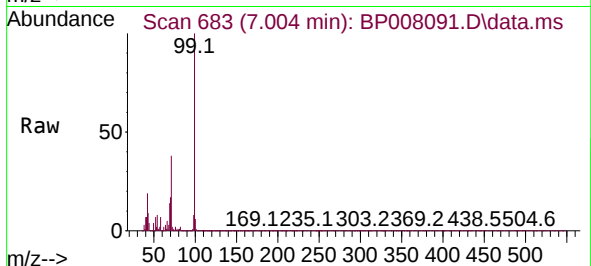


#7
Phenol-d6
Concen: 135.707 ng
RT: 7.004 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008091.D
Acq: 23 Nov 2021 12:10

Instrument :
BNA_P
ClientSampleId :
PB140959TB

Tgt Ion: 99 Resp: 1751134

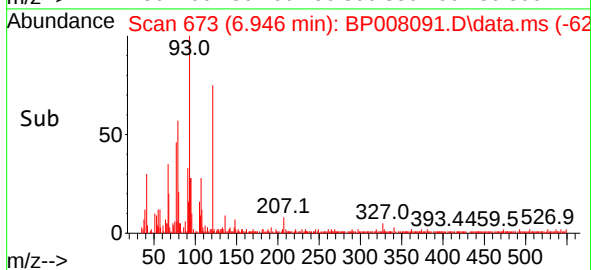
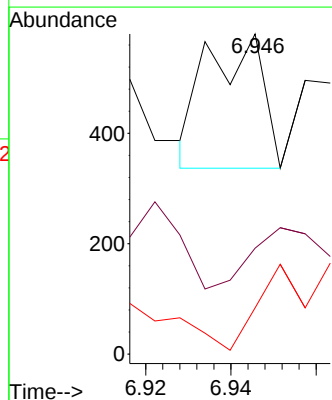
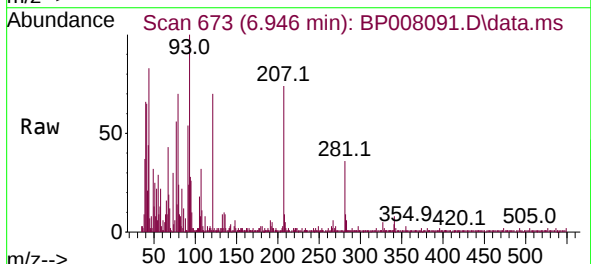
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.4	23.2
71	38.0	31.0	46.6

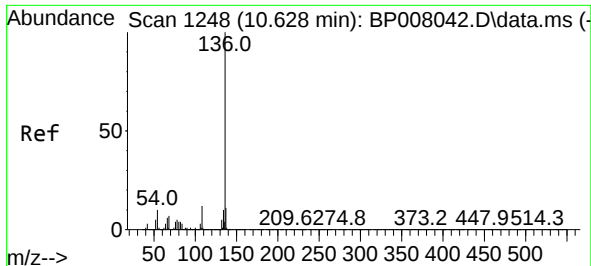


#9
Benzaldehyde
Concen: Below Cal
RT: 6.946 min Scan# 673
Delta R.T. -0.023 min
Lab File: BP008091.D
Acq: 23 Nov 2021 12:10

Tgt Ion: 77 Resp: 220

Ion	Ratio	Lower	Upper
77	100		
105	33.1	71.5	111.5#
106	14.5	67.9	107.9#



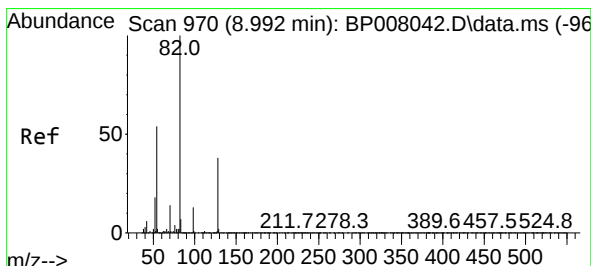
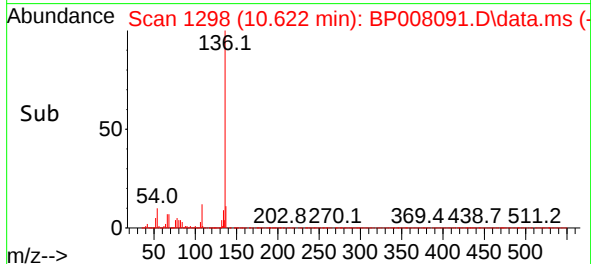
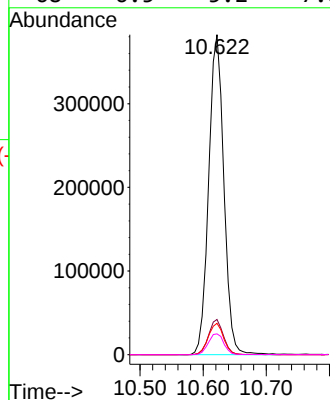
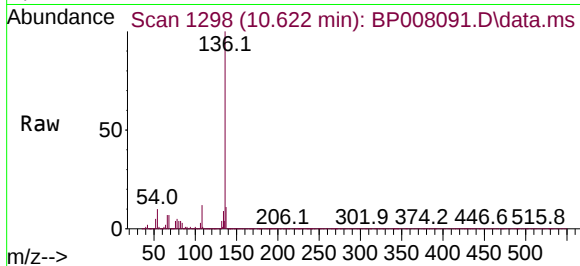


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP008091.D
Acq: 23 Nov 2021 12:10

Instrument :
BNA_P
ClientSampleId :
PB140959TB

Tgt Ion:136 Resp: 637533

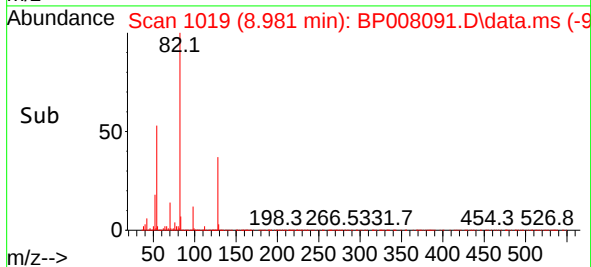
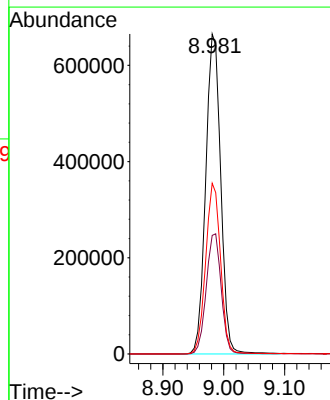
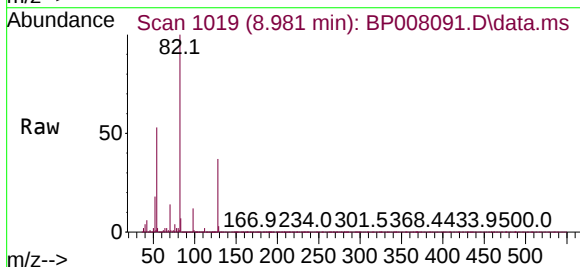
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.8	8.0	12.0
68	6.5	5.2	7.8

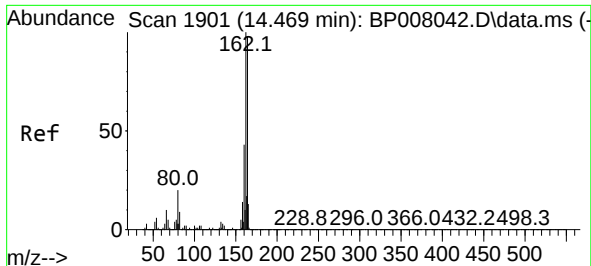


#23
Nitrobenzene-d5
Concen: 81.214 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.011 min
Lab File: BP008091.D
Acq: 23 Nov 2021 12:10

Tgt Ion: 82 Resp: 1141330

Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.2	45.2
54	53.3	43.1	64.7

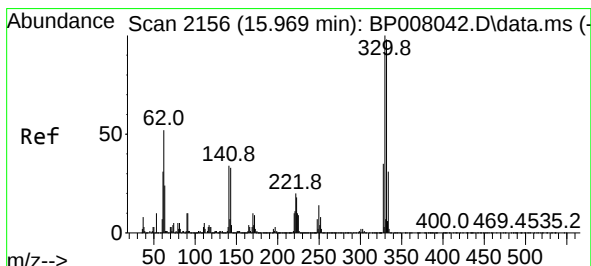
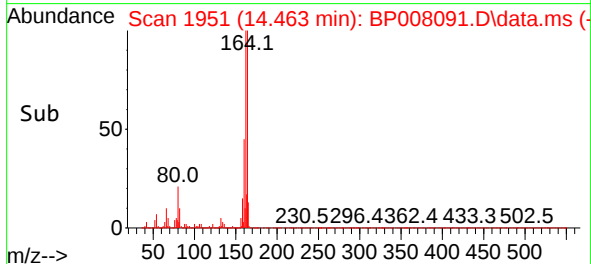
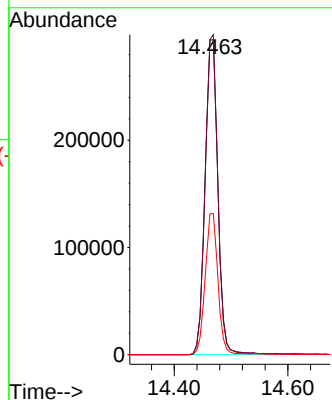
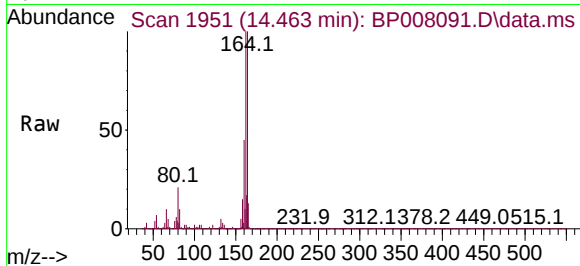




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP008091.D
Acq: 23 Nov 2021 12:10

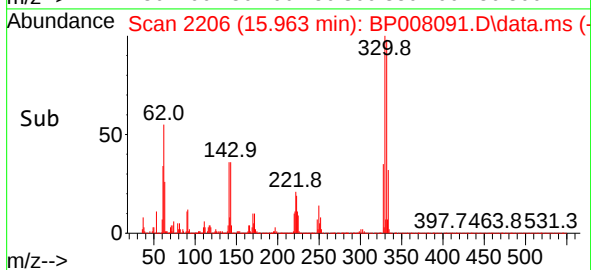
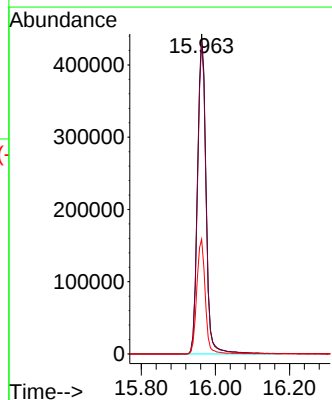
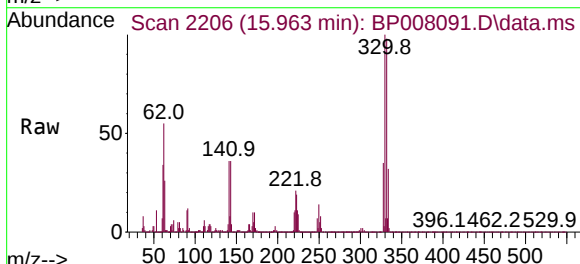
Instrument :
BNA_P
ClientSampleId :
PB140959TB

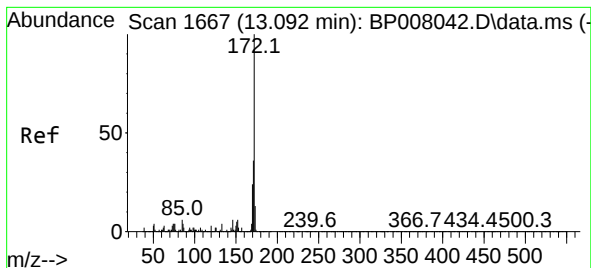
Tgt Ion:164 Resp: 461881
Ion Ratio Lower Upper
164 100
162 100.1 81.8 122.8
160 44.7 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 121.277 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP008091.D
Acq: 23 Nov 2021 12:10

Tgt Ion:330 Resp: 708888
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 35.5 29.6 44.4





#45

2-Fluorobiphenyl

Concen: 82.929 ng

RT: 13.087 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP008091.D

Acq: 23 Nov 2021 12:10

Instrument :

BNA_P

ClientSampleId :

PB140959TB

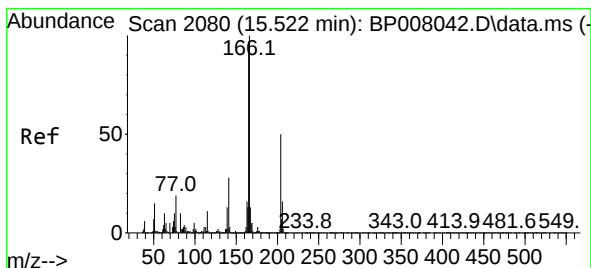
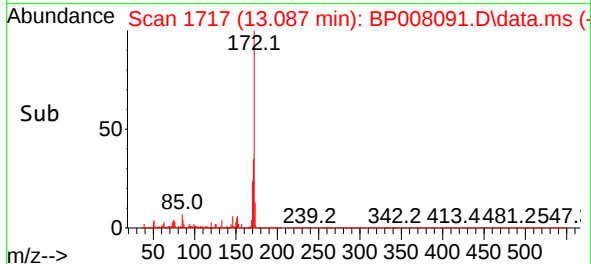
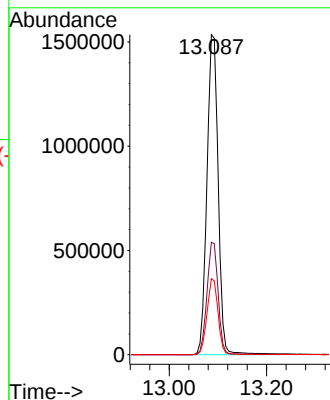
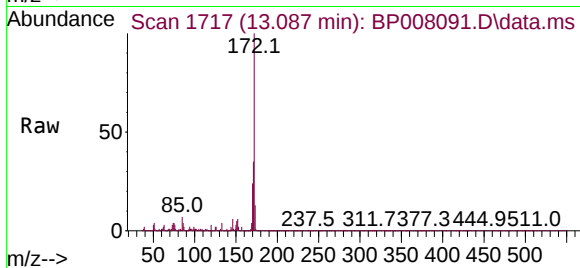
Tgt Ion:172 Resp: 2446191

Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 23.7 19.0 28.4



#58

Fluorene

Concen: Below Cal

RT: 15.533 min Scan# 2133

Delta R.T. 0.011 min

Lab File: BP008091.D

Acq: 23 Nov 2021 12:10

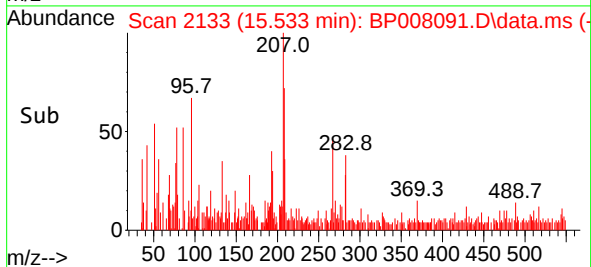
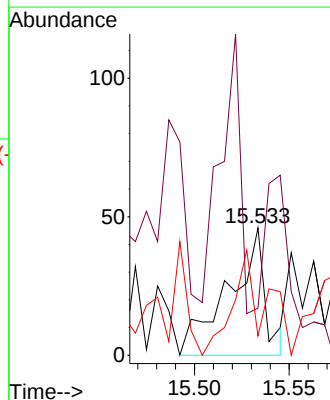
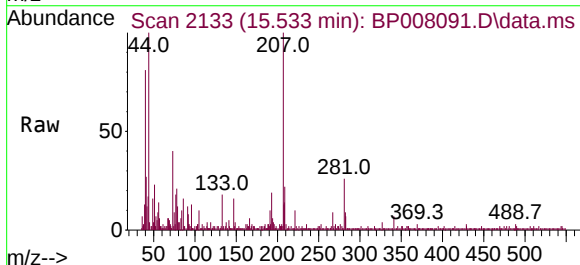
Tgt Ion:166 Resp: 61

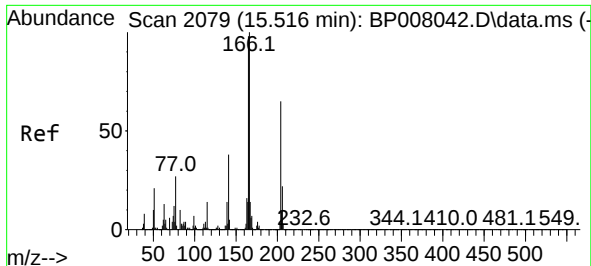
Ion Ratio Lower Upper

166 100

165 37.0 77.4 116.0#

167 15.2 10.7 16.1

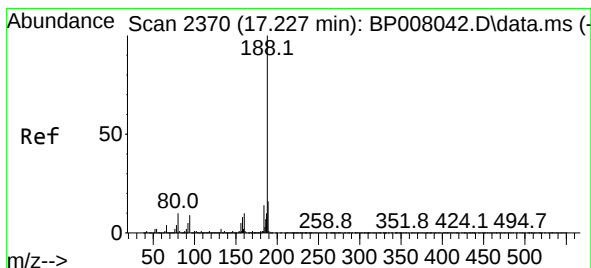
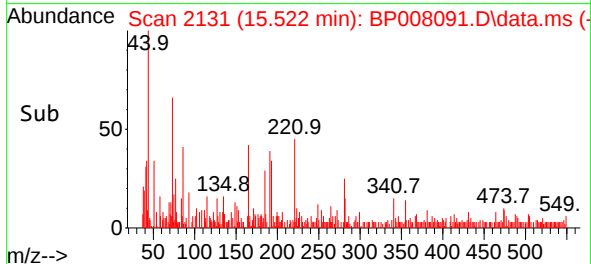
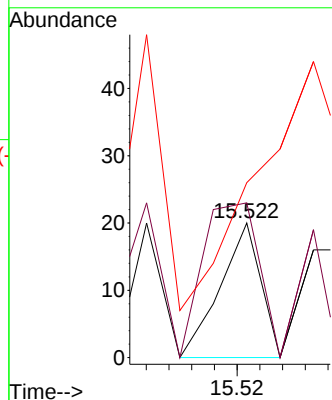
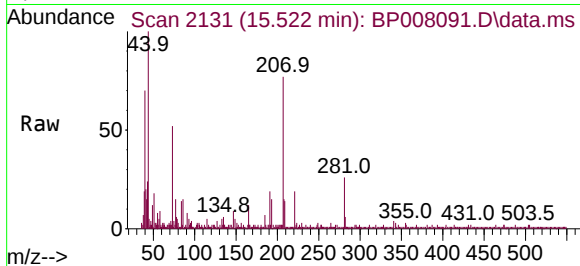




#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.522 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP008091.D
Acq: 23 Nov 2021 12:10

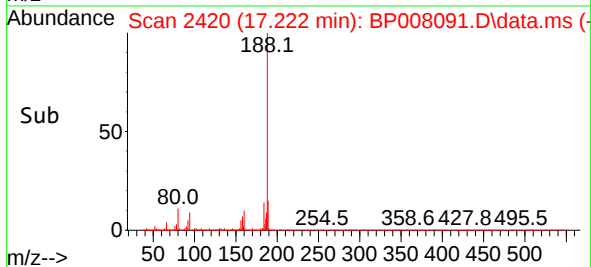
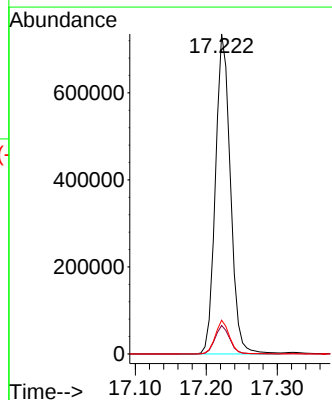
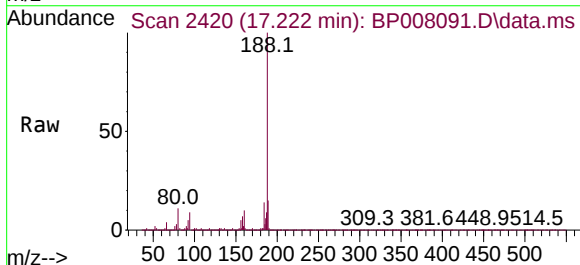
Instrument :
BNA_P
ClientSampleId :
PB140959TB

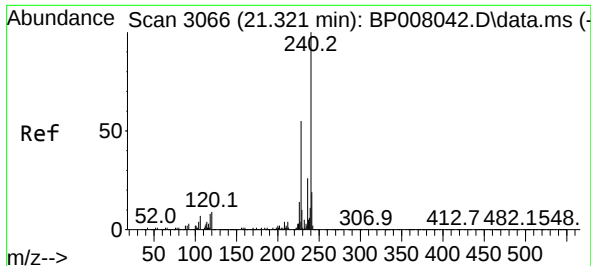
Tgt Ion:204 Resp: 10
Ion Ratio Lower Upper
204 100
206 115.0 27.3 40.9#
141 130.0 46.7 70.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BP008091.D
Acq: 23 Nov 2021 12:10

Tgt Ion:188 Resp: 1074034
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 10.6 8.1 12.1

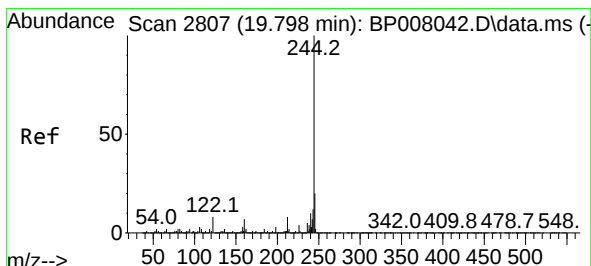
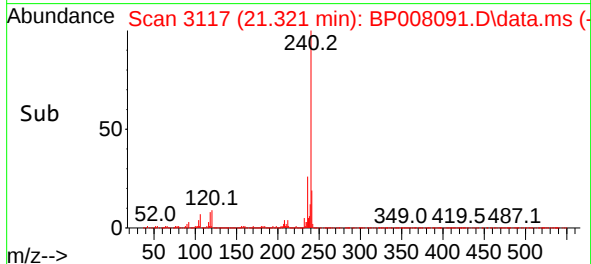
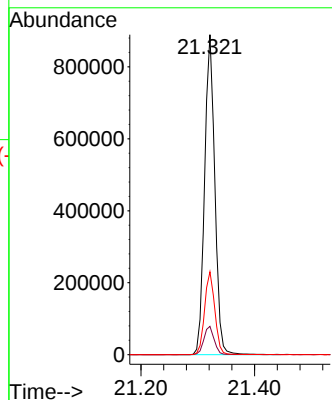
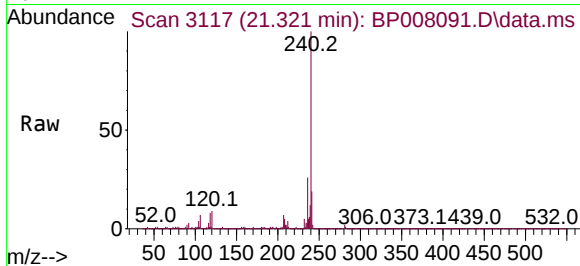




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP008091.D
Acq: 23 Nov 2021 12:10

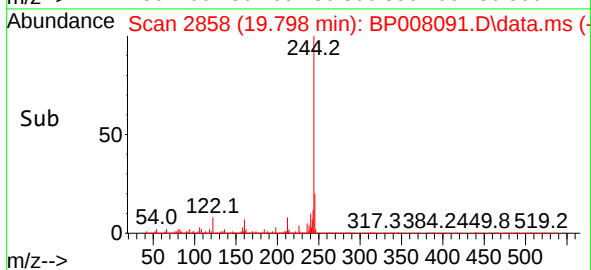
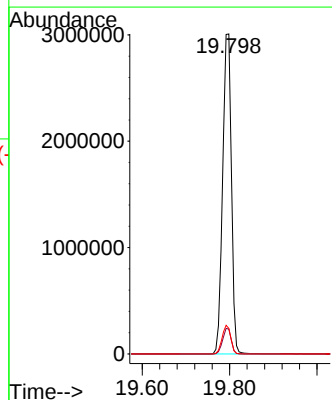
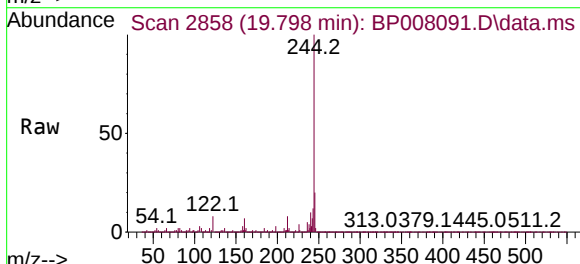
Instrument :
BNA_P
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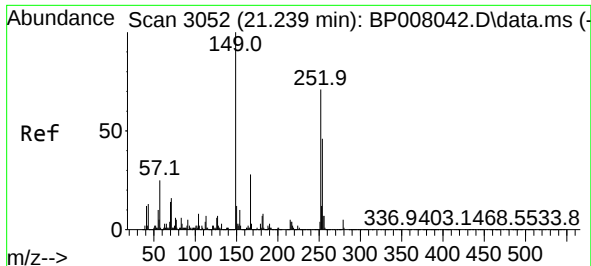
Tgt Ion:240 Resp: 1108065
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.2
236 25.9 21.0 31.4



#79
Terphenyl-d14
Concen: 73.371 ng
RT: 19.798 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP008091.D
Acq: 23 Nov 2021 12:10

Tgt Ion:244 Resp: 4135126
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 8.0 6.1 9.1

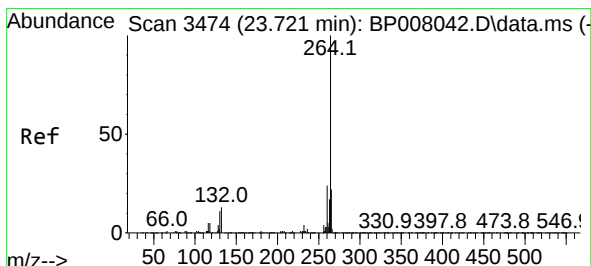
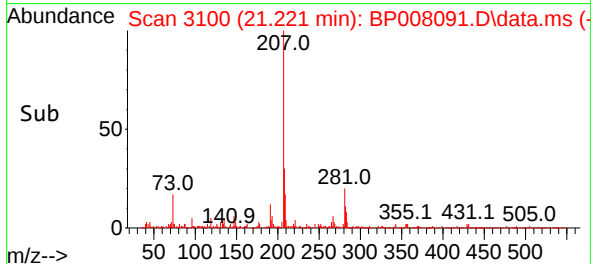
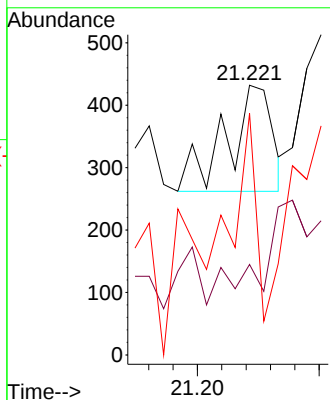
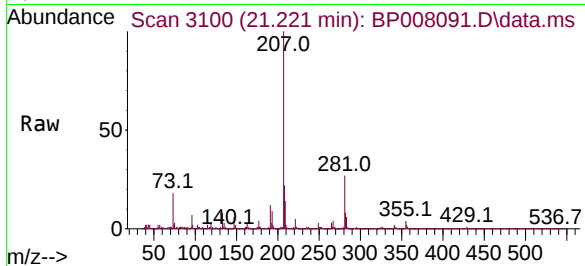




#82
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.221 min Scan# 3100
Delta R.T. -0.018 min
Lab File: BP008091.D
Acq: 23 Nov 2021 12:10

Instrument :
BNA_P
ClientSampleId :
PB140959TB

Tgt Ion:252 Resp: 221
Ion Ratio Lower Upper
252 100
254 33.6 51.8 77.8#
126 89.6 7.2 10.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3525
Delta R.T. 0.000 min
Lab File: BP008091.D
Acq: 23 Nov 2021 12:10

Tgt Ion:264 Resp: 1095656
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.8 17.7 26.5

